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PHOTOGRAPHIC INTERPRETATION REPORT

# SUMMARY



MISSION CI26C

14 MAY 1966

NPIC/R-181/66

JUNE 1966

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GROUP 1 EXCLUDED FROM  
AUTOMATIC DOWNGRADING  
AND DECLASSIFICATION

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W A R N I N G

This document contains information affecting the national defense of the United States, within the meaning of Title 18, sections 793 and 794, of the U.S. Code, as amended. Its transmission or revelation of its contents to or receipt by an unauthorized person is prohibited by law.

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NPIC/R-181/66

25X1

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## PREFACE

This summary report contains additional information on "new" and "change" targets and order of battle information on all targets listed in the index (MI) for this mission.

Items are arranged in sections.

The "New" section provides a description of targets newly identified or known but reported for the first time by NPIC.

The "Change" section provides a description of previously reported installations showing a major change, or those where an analysis of current photography furnishes more precise information.

The "Order of Battle" section provides information on targets where order of battle can be identified.

When there are no "New" or "Change" targets, or order of battle information, the appropriate section is omitted.

"New" and "change" targets are arranged 1) by country, 2) within the country according to subject, 3) within the subject by WAC area, and 4) within the WAC area by geographic coordinates in ascending order. Order of battle information is arranged 1) by subject, 2) within the subject according to country, 3) within the country by WAC area, and 4) within the WAC area by geographic coordinates in ascending order.

Map base used for derivation of coordinates is the best available among these series: US Air Target Chart, Series 200; AMS; ONC; or DIA JOG, 1:250,000.

The header line for each target contains, reading from left to right, the target name, the geographic coordinates,

the World Aeronautical Chart number, the Bombing Encyclopedia (BE) number, and the NPIC target number.

The COMOR target number, when available, appears above the photo reference data.

Photo reference data includes frame numbers and symbols denoting limiting conditions, photointerpretability, target coverage, and the mode.

Symbols for limiting conditions affecting photography are C (Clear), SC (Scattered Cloud Cover), HC (Heavy Cloud Cover), H (Haze), CS (Cloud Shadow), S (Snow), O (Obliquity), SD (Semidarkness), GC (Ground Cover), CF (Camouflage), and GR (Ground Resolution).

Interpretability of the photography is categorized as G (Good), F (Fair), and P (Poor). Target coverage is denoted by the symbols T (Total) or PT (Partial). The mode of coverage is indicated by ST (Stereo), NS (Non-Stereo), or PS (Partial Stereo).

When appropriate, an index follows "new" and "change" targets and another follows order of battle information, with targets in each index arranged alphabetically within a country.

AAA defenses are divided into three categories: light (ZPU-1, ZPU-2, ZPU-4, 37 mm), medium (57 mm, 85mm), and heavy (100 mm and larger). The term HMGA (heavy machine gun antiaircraft) indicates a weapon smaller than a ZPU-1. Where a category cannot be determined, the site will be listed as an AAA site and the number of guns indicated (example: 6-gun AAA site, occupied/unoccupied).

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25X1

## HIGHLIGHTS

1. NEW SAM SITE (KUN-MING SAM SITE B23-2), 12 NM SW OF KUN-MING AT 24-54N 102-33E. SEE PAGE 1 AND ATTACHMENT 1.
2. MISSILES IN FLIGHT NE OF KUN-MING. SEE PAGE 10 AND ATTACHMENTS 2 AND 3.

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25X1

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THIS SECTION PROVIDES A DESCRIPTION OF NEW TARGETS.

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R-181/66

Approved For Release 2004/07/07 : CIA-RDP68B00320R000100080105-8

25X1

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>-CHINA-</p> <p>MISSILES</p> <p>KUN-MING SAM SITE B23-2 12 NM SW OF KUN-MING AT 24-54-22N 102-33-10E. SITE IS OF AN IRREGULAR CONFIGURATION AND CONSISTS OF 6 UNREVIEWED LAUNCH POSITIONS (5 OCCUPIED WITH PROBABLE LAUNCHERS AND 1 WITH AN UNIDENTIFIED PIECE OF EQUIPMENT) AND AN UNREVIEWED OCCUPIED CENTRAL GUIDANCE AREA. 08 -- 5 PROBABLE LAUNCHERS, 1 UNIDENTIFIED PIECE OF EQUIPMENT IN A LAUNCH POSITION, 4 PROBABLE MISSILE TRANSPORTERS 500 FT SSW OF LAUNCH AREA, AND A FAN SONG RADAR, 5 VAN TRUCKS, 3 ELECTRONICS VANS, AND 1 PROBABLE VAN TRAILER IN CENTRAL GUIDANCE AREA. (SEE ATTACHMENT 1)</p> <p>AIR INSTALLATIONS</p> <p>YUAN-MOU AIRFIELD 1 NM NORTH OF YUAN-MOU. APPROXIMATELY 4,000 X 100 FT NW/SE SOD RUNWAY, SERVICEABLE. FACILITIES INCLUDE 4 SMALL SUPPORT BUILDINGS.</p> <p>MILITARY INSTALLATIONS</p> <p>KUN-MING POSSIBLE MILITARY SCHOOL 5 NM NNE OF KUN-MING</p>	<p>2454N 10233E</p> <p>2542N 10151E</p> <p>2509N 10244E</p>	<p>0496</p> <p>0496</p> <p>0496</p>	<p>11-A1</p> <p>48</p> <p>11-L6</p>	

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R-181/66

Approved For Release 2004/07/07 : CIA-RDP68B00320R000100080105-8

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>SECURED POSSIBLE MILITARY SCHOOL CONTAINS 12 BARRACKS, 1 MULTISTORY ADMINISTRATION, 2 DINING HALL, 23 SUPPORT, AND 2 LARGE H-SHAPED BUILDINGS.</p> <p>[REDACTED]</p>				
<p>HSI-YING MILITARY AREA EDGE OF HSI-YING. INSTALLATION CONTAINS 10 STORAGE/SUPPORT BUILDINGS AND 4 SMALL DRIVER TRAINING AREAS. OB -- 17 CARGO TRUCKS AND 3 UNIDENTIFIED VEHICLES/PIECES OF EQUIPMENT.</p> <p>[REDACTED]</p>	2515N 10218E	0496		49
<p>LU-HSI BARRACKS AREA 1 NM SOUTH OF LU-HSI. SECURED BARRACKS AREA CONTAINS 14 BARRACKS, 2 BARRACKS/ADMINISTRATION, 2 AUDITORIUM-TYPE, AND 8 SUPPORT BUILDINGS AND AN ATHLETIC FIELD.</p> <p>[REDACTED]</p>	2425N 09834E	0555		2-D
<p>CHANG-NING BARRACKS AREAS 1 NM EAST OF CHANG-NING. INSTALLATION CONSISTS OF 3 AREAS. AREA A -- 42 BARRACKS, 1 ADMINISTRATION, AND 15 SUPPORT BUILDINGS. AREA B -- 20 BARRACKS AND 15 SUPPORT BUILDINGS. AREA C -- 30 BUILDINGS.</p> <p>[REDACTED]</p>	2450N 09937E	0555		67
<p>ELECTRONICS/COMMUNICATIONS</p> <p>KUN-MING RADIO STATION NORTHWEST 4.5 NM NW OF KUN-MING. SITE CONTAINS 1 RHOMBIC ANTENNA, 6 PROBABLE</p>	2505N 10238E	0496		11-T5

SECRET

R-181/66

Approved For Release 2004/07/07 : CIA-RDP68B00320R000100080105-8

25X1

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>HORIZONTAL DIPOLE ANTENNAS, 13 STICKMASTS, AND A PROBABLY SECURED SUPPORT AREA WITH 4 SMALL BUILDINGS.</p> <p>[REDACTED]</p> <p>INDUSTRY</p> <p>KUN-MING COPPER SMLTR &amp; REFINERY TA-PU-CHI 3.5 NM NNW OF KUN-MING. INSTALLATION CONTAINS 3 BLAST FURNACES, A POWERPLANT, AND TREATMENT, CONVERTER, ORE PREPARATION AND GRINDING, REFINING, CASTING, SINTERING, AND SEVERAL OTHER RELATED BUILDINGS.</p> <p>[REDACTED]</p> <p>KUN-MING MACHINERY PLANT CENTRAL 5.5 NM NNE OF KUN-MING. SECURED, APPARENTLY INACTIVE PLANT CONTAINS 5 MONITOR-ROOF BUILDINGS, (2 WITH ADDITIONS UNDER CONSTRUCTION AND 2 WITH OVERHEAD CRANES), A HEATING PLANT, A PROBABLE PAINT SHOP, 6 LARGE BUILDINGS, 16 SUPPORT BUILDINGS, AND A SMALL SECURED OPEN STORAGE AREA.</p> <p>[REDACTED]</p> <p>KUN-MING MACHINE TOOL PLANT I 6.5 NM NNE OF KUN-MING. PLANT CONTAINS 1 LARGE HIGH-BAY MONITOR-ROOF BUILDING WITH A MULTISTORY ENGINEERING/OFFICE WING, 1 LARGE AND 14 MEDIUM WAREHOUSES, AND 2 PROBABLE FOUNDRY, APPROXIMATELY 100 QUARTERS-TYPE AND APPROXIMATELY 25 SUPPORT BUILDINGS.</p> <p>ACTIVITY -- 10 CARGO TRUCKS.</p> <p>[REDACTED]</p>	<p>2506N 10240E</p> <p>2508N 10244E</p> <p>2509N 10244E</p>	<p>0496</p> <p>0496</p> <p>0496</p>	<p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p>	<p>11-F2</p> <p>11-L4</p> <p>11-L5</p>

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SECRET

R-181/66

Approved For Release 2004/07/07 : CIA-RDP68B00320R000100080105-8

25X1

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>STORAGE</p> <p>KUN-MING POL STORAGE AREA 9 NM SW OF KUN-MING. POL STORAGE AREA UNDER CONSTRUCTION CONSISTS OF 1 COMPLETED BURIED POL TANK, 1 BURIED POL TANK WITH OUTER WALLS COMPLETE, 3 GRADED AREAS FOR POSSIBLE POL TANKS, AND 8 TUNNEL ENTRANCES.</p>	2456N 10235E	0496		11-A2
<p>URBAN COMPLEXES</p> <p>LU-FENG COMPLEX SMALL RESIDENTIAL COMPLEX IS APPROXIMATELY 0.5 SQ MI IN AREA. A CERAMICS INDUSTRY IS ADJACENT AND A CLASSIFICATION YARD IS 1.3 NM WSW. ACTIVITY -- APPROXIMATELY 120 CARGO TRUCKS WITHIN CERAMICS INDUSTRY COMPLEX AND APPROXIMATELY 45 CARGO TRUCKS IN CLASSIFICATION YARD AREA.</p>	2509N 10205E	0496		47

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THIS SECTION PROVIDES A DESCRIPTION OF PREVIOUSLY REPORTED TARGETS SHOWING CHANGE.

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R-181/66

Approved For Release 2004/07/07 : CIA-RDP68B00320R000100080105-8

25X1

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>-CHINA-</p> <p>AIR INSTALLATIONS</p> <p>PAO-SHAN AIRFIELD</p> <p>3.9 NM SOUTH OF PAO-SHAN.</p> <p>6,400 X 170 FT NE/SW NATURAL SURFACE RUNWAY, SERVICEABLE.</p> <p>FACILITIES INCLUDE AN AIRCRAFT PARKING AREA NW OF RUNWAY CONSISTING OF 3 HARDSTANDS. PARALLEL TAXIWAY TO SE WITH 2 END-CONNECTING LINKS, 1 CROSSOVER LINK, AND 6 AIRCRAFT RETENTMENTS IS ABANDONED.</p> <p>SUPPORT FACILITIES INCLUDE 1 CONTROL TOWER/ OPERATIONS, 3 BARRACKS-TYPE, 1 PROBABLE MESSHALL, 1 PROBABLE VEHICLE MAINTENANCE, AND 2 SUPPORT BUILDINGS. A METEOROLOGICAL FACILITY IS ADJACENT TO THE CONTROL TOWER/ OPERATIONS BUILDING.</p> <p>[REDACTED]</p>	2503N 09909E	0555	[REDACTED]	3
<p>BASIC SERVICES</p> <p>KUN-MING THERMAL POWERPLANT PU-PING-TSUN</p> <p>6 NM SW OF KUN-MING.</p> <p>THE BUILDING PREVIOUSLY REPORTED UNDER CONSTRUCTION IS COMPLETE AND RAIL SPUR APPEARS TO BE OPERATIONAL.</p> <p>[REDACTED]</p>	2500N 10237E	0496	[REDACTED]	4-E
<p>KUN-MING/CHENG-TU RAIL LINE</p> <p>CONSTRUCTION ACTIVITY OBSERVED BETWEEN KUN-MING (25-03N 102-45E) AND 25-48N 101-50E. NUMEROUS TUNNELS, BRIDGE SITES (WITH PIERS BUT WITHOUT SUPERSTRUCTURES), AND NUMEROUS WORKERS CAMPS OBSERVED. NO RAIL IS IN PLACE.</p>	2503N 10245E	0496	[REDACTED]	11-N2

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Approved For Release 2004/07/07 : CIA-RDP68B00320R000100080105-8

R-181/66

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
ACTIVITY -- NUMEROUS CARGO TRUCKS AND PIECES OF CONSTRUCTION EQUIPMENT. [REDACTED]				
STORAGE MAN-MAO-CHIEH STORAGE AREA 3.5 NM NW OF MAN-MAO-CHIEH. SITE CONTAINS 13 STORAGE BUILDINGS (1 UNDER CONSTRUCTION) IN CUTS IN 3 SMALL VALLEYS AND 9 BARRACKS/SUPPORT BUILDINGS. [REDACTED]	2206N 10052E	0556	[REDACTED]	9-C

THIS SECTION PROVIDES ORDER OF BATTLE INFORMATION.

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R-181/66

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
KUN-MING/CHENG-TU RAIL LINE ACTIVITY -- NUMEROUS CARGO TRUCKS AND PIECES OF CONSTRUCTION EQUIPMENT OBSERVED BETWEEN 25-03N 102-45E AND 25-48N 101-50E. [REDACTED]	2503N 10245E	0496	[REDACTED]	1-1-N2
MISSILES IN FLIGHT 2 MISSILES (1 A PROBABLE SAM, THE OTHER UNIDENTIFIED) WITH ASSOCIATED CONTRAILS ARE OBSERVED IN FLIGHT AT APPROXIMATELY 25-07N 102-47E, ABOUT 6 NM NE OF KUN-MING. A 3D CONTRAIL, SIMILAR TO THAT ASSOCIATED WITH THE PROBABLE SAM, IS ALSO OBSERVED. (SEE ATTACHMENTS 2 AND 3) [REDACTED]	2507N 10247E	0496	[REDACTED]	
LU-FENG COMPLEX ACTIVITY -- APPROXIMATELY 120 CARGO TRUCKS WITHIN CERAMICS INDUSTRY COMPLEX AND APPROXI- MATELY 45 CARGO TRUCKS IN CLASSIFICATION YARD AREA. [REDACTED]	2509N 10205E	0496	[REDACTED]	47
KUN-MING MACHINE TOOL PLANT I ACTIVITY -- 10 CARGO TRUCKS. [REDACTED]	2509N 10244E	0496	[REDACTED]	11-L5
TRUCKS NEAR YANG-PI AT APPROXIMATELY 25-44N 099-53E AND 6 NM NW OF YANG-PI ADJACENT TO AN ABANDONED PROBABLE AAA TRAINING AREA ARE 8 WESTBOUND TRUCKS HEADING SW ARE IN AND IMMEDIATELY OUTSIDE OF YANG-PI. [REDACTED]	2544N 09953E	0555	[REDACTED]	

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R-181/66

Approved For Release 2004/07/07 : CIA-RDP68B00320R000100080105-8

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
[REDACTED] SSU-MAO MILITARY COMPLEX OB -- AT LEAST 7 PROBABLE CARGO TRUCKS.	2247N 10058E	0556	[REDACTED]	28-B
[REDACTED] ELECTRONICS/COMMUNICATIONS	2424N 09831E	0555		2-B
LU-HSI RADAR SITE OB -- 1 SCR-270 RADAR.	2527N 20042E	0555		6-A1
YUN-NAN-1 RADAR SITE OB -- 1 SCR-270 RADAR. ACTIVITY -- 4 VAN TRUCKS.	2225N 10100E	0616		64
PU-TENG RADAR SITE OB -- 1 POSSIBLE SCR-270 RADAR.	2502N 10133E	0496		44-A
MISCELLANEOUS	2510N 10145E	0496		42
CHU-HSIUNG STORAGE FACILITIES ACTIVITY -- 73 CARGO TRUCKS AND 87 CARGO TRAILERS.				
[REDACTED] KUANG-TUNG RAILROAD CONSTRUCTION CAMPS ACTIVITY -- 29 CARGO TRUCKS, 7 POSSIBLE TRACTORS, 14 TOWED SCRAPERS (4 WITH TRACTORS), AND 15 UNIDENTIFIED VEHICLES/PIECES OF EQUIPMENT.				
[REDACTED]				

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Approved For Release 2004/07/07 : CIA-RDP68B00320R000100080105-8

R-181/66

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
GROUND				
CHU-HSIUNG MILITARY INSTALLATION OB -- 9 CARGO TRUCKS.	2503N 10130E	0496		44-B
CHU-HSIUNG BARRACKS AREAS OB -- 24 CARGO TRUCKS AND 2 TRUCK-MOUNTED CRANES.	2503N 10133E	0496		44
KUN-MING BARRACKS AND STORAGE AREA NORTH OB -- 15 CARGO TRUCKS.	2504N 10241E	0496		11-T
HSI-YING MILITARY AREA OB -- 17 CARGO TRUCKS AND 3 UNIDENTIFIED VEHICLES/PIECES OF EQUIPMENT.	2515N 10218E	0496		49
YUNG-PING MILITARY AREA OB -- 7 TRUCKS.	2529N 09932E	0555		48
HSIA-KUAN BARRACKS & HQ 42 INFANTRY DIV OB -- 2 CARGO TRUCKS	2536N 10012E	0555		22
TA-LI HEADQUARTERS 14TH ARMY OB -- 12 AAA PIECES AND 6 CARGO TRUCKS.	2542N 10009E	0555		22-A

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Approved For Release 2004/07/07 : CIA-RDP68B00320R000100080105-8

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R-181/66

Approved For Release 2004/07/07 : CIA-RDP68B00320R000100080105-8

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>-CHINA-</p> <p>MISSILES</p> <p>KUN-MING SAM SITE B23-2</p> <p>OB -- 5 PROBABLE LAUNCHERS IN LAUNCH POSI- TIONS, 1 UNIDENTIFIED PIECE OF EQUIPMENT IN A LAUNCH POSITION, AND 4 PROBABLE MISSILE TRANSPORTERS 500 FT SSW OF LAUNCH AREA. ACTIVITY -- A FAN SONG RADAR, 5 VAN TRUCKS, 3 ELECTRONICS VANS, AND 1 PROBABLE VAN TRAILER IN CENTRAL GUIDANCE AREA. (SEE ATTACHMENT 1)</p>	2454N 10233E	0496		11-A1
<p>AIR</p> <p>YUN-NAN-I AIRFIELD</p> <p>OB -- 46 FRESCO, 5 CRATE, AND 14 CAB.</p>	2525N 10042E	0555		6
<p>PEI-TUN AIRFIELD</p> <p>OB -- 2 BEAGLE, 17 FRESCO, 2 PROBABLE FRESCO IN FLIGHT 6 NM SSW OF AIRFIELD, 3 PROBABLE FAGOT, AND 15 SMALL SINGLE-ENGINE STRAIGHT- WING AIRCRAFT. ACTIVITY -- APPROXIMATELY 50 TRUCKS.</p>	2527N 10043E	0555		6-A
<p>SSU-MAO AIRFIELD SOUTH</p> <p>OB -- 2 CRATE AND 1 COLT.</p>	2247N 10058E	0556		28

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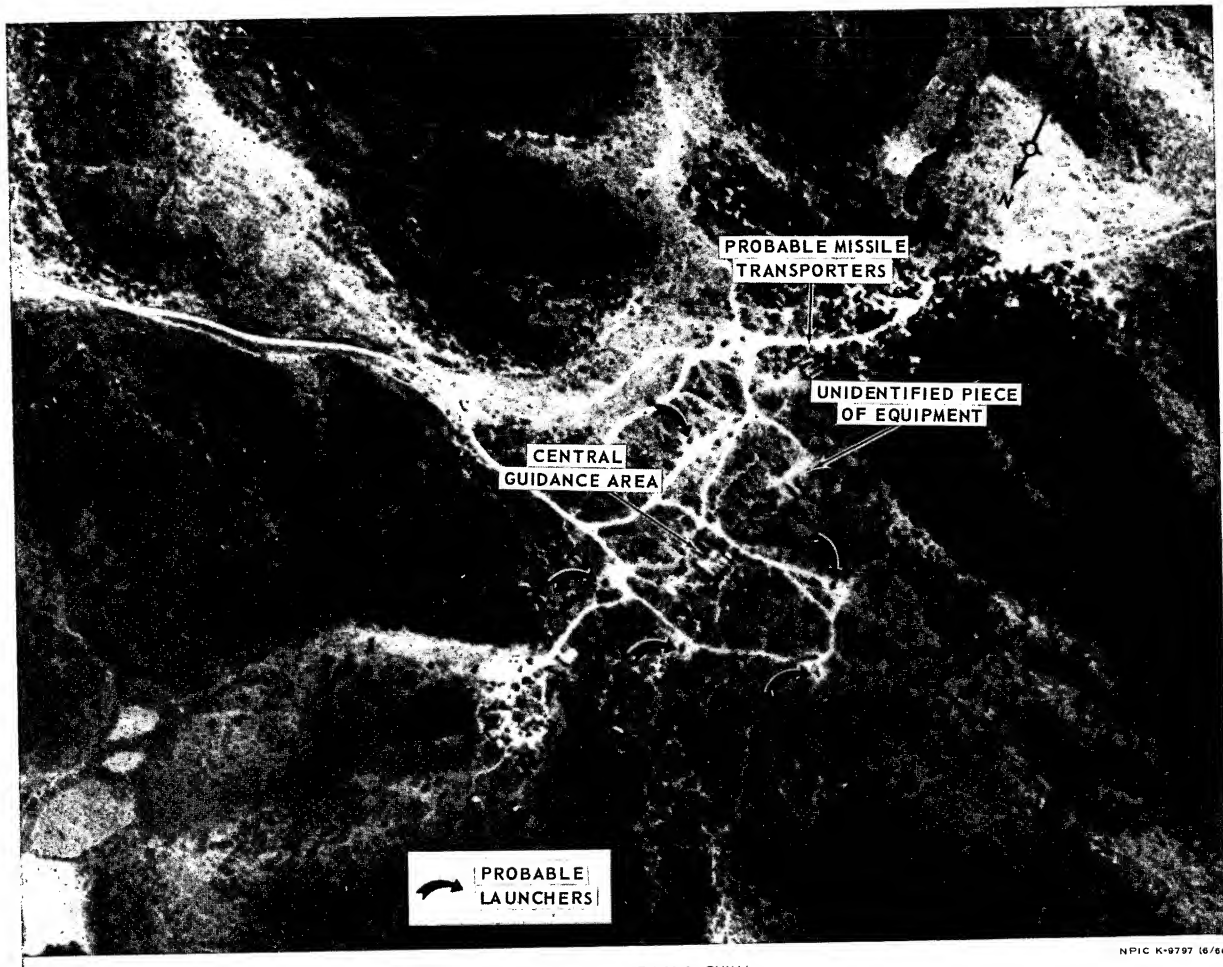
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ATTACHMENT 1

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KUN-MING SAM SITE B23-2, CHINA.

NPIC K-9797 (6/66)

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ATTACHMENT 2

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MISSILE IN FLIGHT, KUN-MING AREA, CHINA

NPIC K-9798 (6/66)

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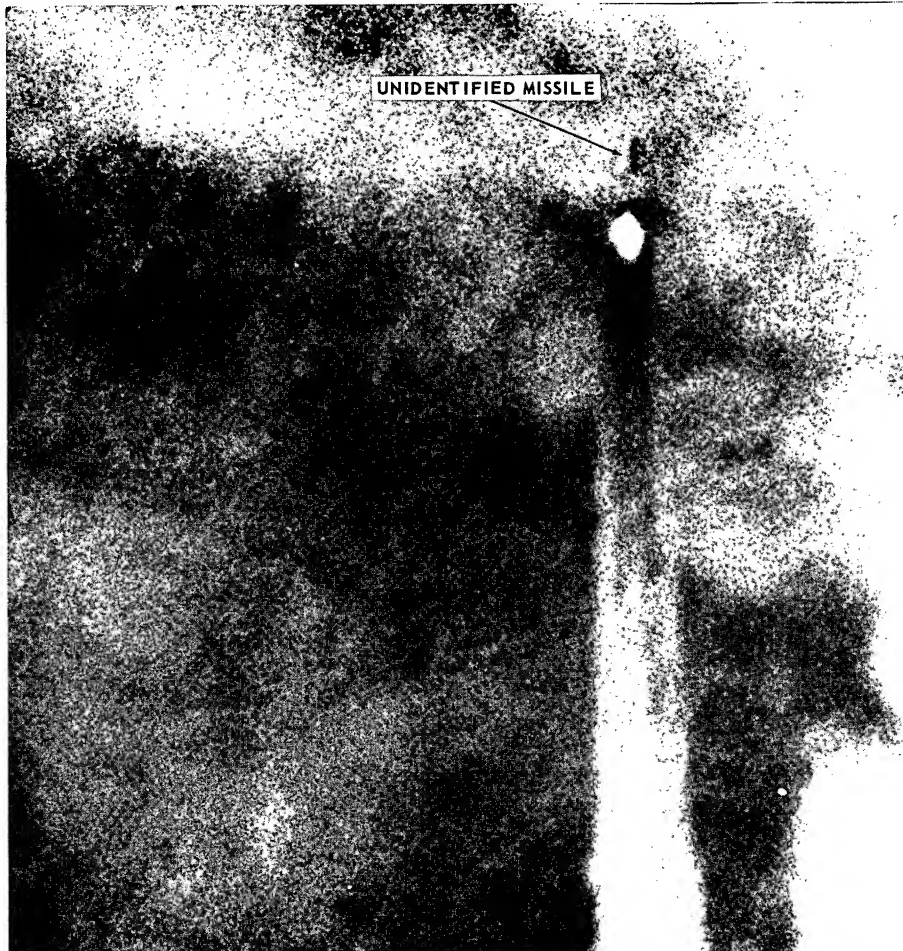
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ATTACHMENT 3



UNIDENTIFIED MISSILE

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MISSILE IN FLIGHT, KUN-MING AREA, CHINA

NPIC K-9799 (6/66)

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